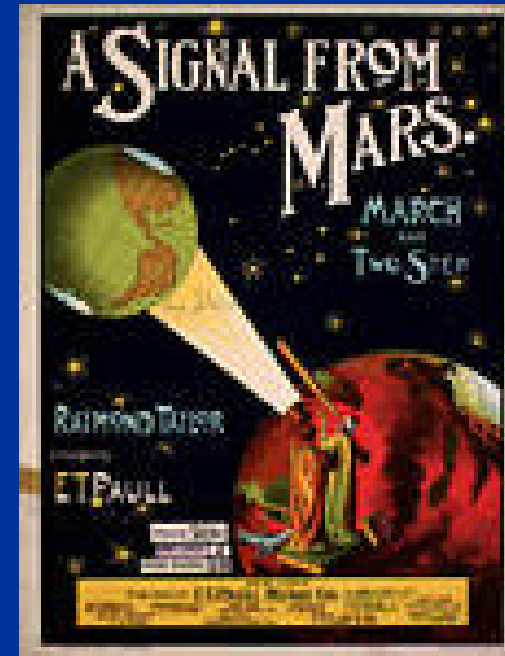


DLI-2 All Projects Meeting

Stratford-upon-Avon
June 12, 2000



Digital Workflow Management:
The Lester S. Levy Collection of Sheet Music, Phase Two
Moving Toward a Workflow Management System

Outline of Presentation

- Motivation for Project
- Project Team
- OMR software
- Search engine

Motivation for Project

- Useful to consider NSDL RFP
- Targeted research
- Enhance (digital) collection
- Functionality and efficiency

Project Team

- Library Team
 - Sayeed Choudhury
 - Brian Harrington
 - Tim DiLauro
 - Liz Brown
 - Cynthia Requardt
- Computer Music Team
 - Ichiro Fujinaga
 - Micheal Droettboom
- Computer Science Team
 - David Yarowsky
 - Jim Warner
 - Mark Patton

OMR software

- Exemplar-based learning
- Genetic algorithms (refine algorithms)
- Output in TIFF and Postscript (GUIDO)
- Why develop this software?

Search capabilities

- Automated name authority control
- Name extraction and disambiguation
- Search generated GUIDO files
- Search lyrics from OMR software
and OCR output

How “perfect” is perfect?